

latter broadly reflexed, the front margin very gently excised, and a row of stiff bristles traversing the middle from side to side. The eyes are rather small and far apart. The lateral margins of the prothorax are distinctly sinuated in their posterior half, the hind angles a little produced and acute and the base impressed on each side. The elytra are sulcate and the sulci contain rather coarse but shallow punctures.

The genus is apparently related to *Teraserica*, which I do not know, and which has been described from the male alone, the antenna of which has the last four joints rather long but much less elongate than in the present insect. This has not the forehead narrow and the eyes very large and prominent, as in *Teraserica*. The strongly bisinuated sides of the prothorax and acutely produced hind angles are very characteristic, and another peculiarity which, so far as I know, is not found elsewhere is in the shape of the elytra. These are separately rounded at their hinder margins, with the sutural angles extremely blunt, so that a wide angle is formed and a considerable part of the abdomen exposed. The peculiar appearance, however, is chiefly due to the fact that this part of the elytra is strongly depressed along the suture.

IV.—*Descriptions of New Pyralidæ of the Subfamilies Epipaschianæ, Chrysauginæ, Endotrichinæ, and Pyralinæ.*
By Sir GEORGE F. HAMPSON, Bart., F.Z.S., &c.

[Concluded from vol. xviii. p. 373.]

(2 b) *Pyralis nigricilialis*, sp. n.

♂. Head and thorax creamy white tinged with purplish red, especially the tegulæ; antennæ purplish red; abdomen creamy white mixed with purplish red and dorsally banded with black except at base and extremity. Fore wing creamy white mixed with purplish red, the basal area suffused with black except at base of inner margin, the costa black, rather diffused towards apex; antemedial line defining the black area, creamy white slightly defined on outer side by purplish-red and black scales, excurved below costa; the medial part of costa with three white points; a round white spot defined by purplish red at upper angle of cell, another below the lower angle conjoined to a patch of confluent annuli beyond the lower angle, and another annulus on vein 1; postmedial line white defined on each side by purplish red, oblique to discal fold, then slightly waved; cilia black mixed

with some purplish red. Hind wing creamy white mixed with purplish red, the basal area suffused with black; an oblique slightly sinuous white antemedial line defined on outer side by purplish pink and some black scales; a white patch defined by purplish red and with purplish-red point in centre at lower angle of cell; postmedial line white defined on each side by purplish red and some black scales, wavy; an interrupted purplish-red line with some black scales on it before termen; cilia black mixed with some purplish red. Underside purplish red; fore wing with the costa black with white points on it to beyond middle; hind wing with wavy white postmedial line defined by deeper purplish red.

Hab. BR. E. AFRICA, Nairobi (*Arlerson*), 1 ♂; BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type. *Exp.* 16 mm.

(2c) *Pyralis trifoliolis*, sp. n.

♂. Head, thorax, and abdomen white mixed with purplish red, the antennae and tegulae purplish red, the abdomen irrorated with some blackish scales; sides of frons and palpi blackish, the latter with the extremities of 2nd and 3rd joints white; fore legs blackish, the tarsi ringed with white; pectus, mid and hind legs, and ventral surface of abdomen white tinged with red-brown. Fore wing creamy white mixed with purplish red and irrorated with a few black scales, the terminal area more suffused with purplish red; antemedial line white defined on each side by purplish red, slightly sinuous, a small white spot defined by purplish red on its outer side at vein 1; the medial part of costa black with four white points on it; a small white spot with purplish-red annulus at upper angle of cell, others below the lower angle of cell and on vein 1, and a trifoliate patch beyond lower angle of cell; postmedial line white defined on each side by purplish red, expanding at costa, excurved to near termen at middle, and ending at tornus; cilia fuscous black with a fine white line at base. Hind wing with the basal area white mixed with black and some purplish red, the medial area purplish red irrorated with black especially towards inner margin, the terminal area purplish red mixed with whitish and black; a slightly sinuous white antemedial line defined on each side by blackish; a figure-of-eight-shaped white discoidal spot defined by blackish and with black points in its upper and lower parts; postmedial line white defined on each side by blackish, wavy, excurved between veins 6 and 3; cilia fuscous black with a fine white line at base. Underside whitish suffused with red-brown; fore wing with the costa black with white points on it to beyond middle; hind wing with the postmedial line whitish and indistinct.

Hab. GOLD COAST, Kumasi (*Sanders*), 1 ♂ type. *Exp.* 12 mm.

(2d) *Pyralis atrisparsalis*, sp. n.

♀. Head whitish suffused with purplish pink; thorax and abdomen purplish pink mixed with some whitish and strongly irrorated with black, the pectus, legs, and ventral surface of abdomen less strongly irrorated. Fore wing purplish pink mixed with some whitish and strongly irrorated with black, especially on basal area except towards costa; antemedial line strong, whitish defined on each side by black, oblique to submedian fold, where it is angled outwards, angled inwards at vein 1; a small blackish discoidal spot; a whitish patch on costal area towards apex, the whitish subterminal line arising from it, excurved to vein 3, then incurved; the termen purplish pink. Hind wing whitish tinged with purplish pink, the terminal half suffused with fuscous and irrorated with black towards tornus; a whitish postmedial line, excurved at middle and angled outwards at veins 3 and 2, then oblique to tornus; the termen purplish pink; cilia whitish, mixed with pink and black at tips. Underside whitish mixed with pink and fuscous; fore wing with the subterminal line indistinct, except the patch on costal area; hind wing with whitish postmedial line excurved at middle.

Hab. N. NIGERIA, Zungeru (*Macfie*), 1 ♀ type. *Exp.* 18 mm.

(8a) *Pyralis costinotalis*, sp. n.

♂. Head and thorax pale rufous; abdomen whitish suffused with red-brown; antennæ brownish; palpi and legs whitish suffused with red-brown. Fore wing rufous tinged with purplish red; antemedial line white defined on outer side by black, expanding into a wedge-shaped mark at costa, to which it is slightly incurved; the medial part of costa with alternating black and white points; a slight blackish discoidal spot; postmedial line white defined on inner side by blackish, expanding into a wedge-shaped mark at costa, then excurved and very slightly waved; a faint maculate brownish terminal band; a fine whitish line at base of cilia. Hind wing whitish suffused with rufous to the postmedial line except on costal area, the terminal area irrorated with brown; an oblique sinuous white antemedial line, joined at inner margin by the white postmedial line, which is excurved at middle, then slightly waved; a terminal series of small brown spots; cilia with a brown line near tips. Underside whitish suffused with reddish brown; fore wing with series of whitish and dark brown points on costa to the postmedial line; both wings with slight blackish discoidal spot and slightly waved whitish postmedial line defined on inner side by brown and excurved at middle.

(13a) *Pyralis rufbasalis*, sp. n.

♂. Head and thorax red-brown; abdomen white suffused with pale olive; legs red-brown; pectus and ventral surface of abdomen

whitish tinged with red-brown. Fore wing with the basal area rufous irrorated with red-brown, the rest of wing white tinged with olive; a small black discoidal spot; the curved postmedial line indicated by a faint olive shade on its inner side. Hind wing white tinged with olive; a diffused black patch on basal area; a small black discoidal spot; a diffused curved olive postmedial line. Underside white thickly irrorated with black-brown; hind wing with small black discoidal spot and diffused curved dark postmedial line.

Hab. GOLD COAST, Kumasi (*Sanders*), 1 ♂; S. NIGERIA, Ilesha (*Hunfrey*), 1 ♂ type. *Exp.* 14-16 mm.

(13 b) *Pyralis roseitincta*, sp. n.

♂. Head, thorax, and abdomen white tinged with pale red-brown. Fore wing white suffused with pale red-brown except towards the costa and termen; a curved white antemedial line with a patch tinged with rose-pink before it except at costa and inner margin; a slight red-brown discoidal spot; a sinuous white postmedial line with a rose-pink shade beyond it. Hind wing white suffused with pale red-brown except at termen; a curved white antemedial line; a white postmedial line excurved at middle and above inner margin and with rose-pink shade beyond it. Underside white tinged with rufous; hind wing with curved white postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type. *Exp.* 14 mm.

(16 d) *Pyralis tyrialis*, sp. n.

♀. Head, thorax, and abdomen brownish ochreous, the head, thorax, and two basal segments of abdomen suffused with purplish crimson; palpi, legs, and ventral surface of abdomen brownish ochreous. Fore wing brownish ochreous suffused with purplish crimson and slightly irrorated with dark brown; a fine curved white antemedial line; a small black discoidal spot; a white postmedial line, excurved at middle; cilia white and blackish. Hind wing brownish ochreous strongly suffused with purplish crimson and irrorated with black; indistinct curved white ante- and postmedial lines defined by black scales; a blackish terminal line; cilia blackish. Underside ochreous suffused and irrorated with brown.

Hab. GOLD COAST, Bibianaha (*Spurrell*), 1 ♀ type. *Exp.* 18 mm.

(16 e) *Pyralis phænicealis*, sp. n.

♀. Head, thorax, and abdomen ochreous brown with a crimson band on 2nd segment of abdomen; palpi with some dark brown at sides; fore legs suffused with dark brown. Fore wing silky ochreous brown; the costal area irrorated with some dark scales, the medial part of costa with series of black points and the terminal part of costa glossy black; two indistinct crimson sub-

basal lines; a crimson and blackish point in middle of cell and small discoidal spot; a crimson point at middle of submedian fold and bar at inner margin; a postmedial crimson point at discal fold and bar from submedian fold to inner margin; a curved diffused crimson subterminal line and a terminal band except on the black costal area; cilia deep crimson. Hind wing glossy ochreous brown; a crimson subbasal patch from cell to inner margin; a discoidal patch with oblique line from it to inner margin; a strong postmedial line somewhat excurved at middle; a subterminal band expanding into a patch at costa, and a narrow band before the ochreous terminal line; cilia deep crimson. Underside ochreous suffused with fuscous brown: fore wing with some pale points on medial part of costa and both wings with pale curved postmedial line.

Hab. GOLD COAST, Bibianaha (*Spurrell*) 1 ♀ type. *Exp.* 18 mm.

(19a) *Pyralis exumbralis*, sp. n.

♂. Head, thorax, and abdomen brownish ochreous. Fore wing ochreous; a rather diffused fuscous patch below the cell; a small black discoidal spot; a fuscous subterminal shade, not reaching the costa and narrowing to terminus. Hind wing ochreous; a subbasal patch of black irroration, the rest of wing irrorated with fuscous; a curved whitish postmedial line. Underside ochreous irrorated with fuscous; fore wing with blackish discoidal point and both wings with whitish postmedial line.

Hab. GOLD COAST, Bibianaha (*Spurrell*) 1 ♂ type. *Exp.* 16 mm.

(1b) *Pyralis flavirubralis*, sp. n.

♂. Head, thorax, and abdomen purplish red mixed with some yellowish. Fore wing purplish red slightly irrorated with brownish, the medial area yellow irrorated with red and more suffused with red towards inner margin; antemedial line whitish, slightly sinuous below the cell; a blackish discoidal point; postmedial line whitish, incurved below discal fold; cilia yellowish tinged with red. Hind wing purplish red thickly irrorated with fuscous; an indistinct oblique slightly sinuous whitish antemedial line and curved slightly waved postmedial line; cilia purplish red with a fine white line at base. Underside ochreous white irrorated with red; both wings with small blackish discoidal spot.

Hab. TRANSVAAL, White R. (*Cooke*), 1 ♂ type. *Exp.* 18 mm.

(1d) *Pyralis perpulvrea*, sp. n.

♀. Head and thorax whitish tinged with rufous and irrorated with dark brown; abdomen whitish tinged with rufous; palpi, pectus, legs, and ventral surface of abdomen rufous, the tarsi dark brown ringed with white. Fore wing rufous mixed with some whitish, especially towards inner margin and thickly irrorated with

fuscous; a slight blackish discoidal striga; cilia black mixed with some grey, a pale reddish line at base and some reddish scales at tips. Hind wing whitish tinged with rufous; cilia rufous with a fine whitish line at base and dark line near tip except towards tornus. Underside of fore wing pale fuscous brown, the costal and terminal areas rufous; hind wing whitish tinged with red-brown, the apical area rufous.

Hab. BR. C. AFRICA, Mt. Manje (*Neave*), 1 ♀ type; PORT. E. AFRICA, Mt. Chipirone (*Neave*), 1 ♀. *Exp.* 22 mm.

(1c) *Tegulifera irroralis*, sp. n.

♀. Head, thorax, and abdomen brownish grey irrorated with black; the anal tuft rufous; antennae whitish ringed with black. Fore wing brownish grey tinged with rufous especially towards costa and irrorated with black; a series of whitish points on costa with some blackish between them except towards base; a terminal series of black bars; cilia fuscous with a fine whitish line at base and blackish line near tips. Hind wing brownish grey tinged with rufous and irrorated with black; an indistinct pale curved post-medial line defined on inner side by blackish; a terminal series of black striae; cilia fuscous mixed with grey, a fine whitish line near base and blackish line near tips. Underside of fore wing rufous irrorated with blackish, the inner area whitish; a series of white points on costa with black between them, a blackish discoidal striga, a pale subterminal line defined on inner side by blackish, angled outwards to termen at vein 3; hind wing pale rufous irrorated with blackish, a black discoidal point and postmedial line defined on outer side by whitish and excurved at middle.

Hab. W. AFRICA (*Dudgeon*), 1 ♀ type; S. NIGERIA, Lagos (*Sir G. Carter*), 1 ♀. *Exp.* 16 mm.

(2b) *Tegulifera purpurascens*, sp. n.

♂. Head and thorax purplish red with a few fuscous scales; abdomen ochreous suffused with purplish red and irrorated with black, the extremity clear ochreous; palpi black at tips; pectus, legs, and ventral surface of abdomen purplish red irrorated with black. Fore wing purplish red irrorated with black; a rather irregularly waved almost medial black line defined on inner side by diffused ochreous; the medial part of costa with some whitish points with black between them; postmedial line black defined on outer side by diffused ochreous, waved, excurved between veins 5 and 2 and incurved at submedian fold; a terminal series of black points. Hind wing ochreous suffused with purplish red and irrorated with fuscous; traces of a curved blackish antemedial line and a distinct curved postmedial line; a terminal series of black points. Underside ochreous tinged with purplish red; both wings with small black discoidal spot and curved postmedial line.

Hab. S. NIGERIA (*Sampson*), 1 ♂ type. *Exp.* 22 mm.

(2 d) *Tegulifera elæomesa*, sp. n.

♂. Head and thorax pale olive-brown, the vertex of head and tips of patagia tinged with purplish red; abdomen pale olive-brown suffused with purplish red towards base and irrorated with some black scales towards extremity; pectus, legs, and ventral surface of abdomen whitish suffused with purplish red and irrorated with black. Fore wing pale olive-brown, the terminal area purplish red irrorated with black; a curved whitish antemedial line with a purplish-red patch irrorated with black before it from cell to inner margin; the medial part of costa with some white points with black between them; a black discoidal point; a slightly incurved white postmedial line with some black irroration before it below the cell; a fine white line at base of cilia. Hind wing purplish red irrorated with black; two curved whitish medial lines, the area between them suffused with blackish; a fine white line at base of cilia. Underside purplish red irrorated with black and mixed with whitish towards base; both wings with obscure black discoidal spots; fore wing with the postmedial line indistinct; hind wing with slightly waved, white, medial line defined on inner side by rather diffused black.

Hab. GOLD COAST, Aburi (*Johnston*), 1 ♂, Bibianaha (*Spurrell*), 2 ♂ type. *Exp.* 14 mm.

(2 g) *Tegulifera oboralis*, sp. n.

Head and thorax pale red with a few fuscous scales; abdomen pale reddish, the base purplish red; subdorsal black fasciæ except at base, connected dorsally on 2nd segment and on two terminal segments; pectus, legs, and ventral surface of abdomen pale reddish. Fore wing pale rufous slightly irrorated with fuscous, the ovate terminal area chocolate-brown; antemedial line whitish defined on outer side by blackish, rather oblique; a small black discoidal spot; the medial part of costa with whitish points with some black between them; postmedial line whitish defined on inner side by blackish, incurved; a fine white line at base of cilia. Hind wing red-brown with a slight purplish-red tinge; a curved whitish antemedial line defined on outer side by dark brown; a small blackish spot at upper angle of cell; postmedial line whitish defined on inner side by dark brown, rather obliquely curved; a fine white line at base of cilia. Underside whitish tinged with rufous especially in and beyond the cell of fore wing and on terminal areas of both wings, the costal areas with some black irroration; fore wing with the whitish and black points on costa extending to base, the postmedial line very slightly waved; hind wing with dark antemedial line from cell to inner margin, small discoidal spot and oblique slightly waved postmedial line.

Hab. GOLD COAST, Kumasi (*Whiteside*), 1 ♂, 1 ♀ type; NATAL, Durban (*Leigh*), 1 ♀. *Exp.* 24-28 mm.

(2h) *Tegulifera semicircularis*, sp. n.

♀. Head, thorax, and abdomen whitish suffused with pale red-brown. Fore wing whitish suffused with pale olive-brown and slightly irrorated with black, the semicircular terminal area deep chocolate-red and defined on inner side by an incurved white shade; ant-medial line white defined on inner side by brown, rather oblique; a black discoidal spot; cilia white, tinged with reddish brown except at base. Hind wing whitish suffused with pale red-brown; two oblique dark medial lines defined by white, the inner line on inner side, the outer on outer side, the area between them rather whiter; a fine red-brown terminal line; cilia pale reddish, white at base and with some dark scales at tips. Underside whitish suffused with rufous; fore wing with black points on costa to beyond middle, a black discoidal point, the terminal area purplish red defined on inner side by an incurved white line; hind wing with oblique very slightly waved reddish-brown postmedial line.

Hab. GOLD COAST, Bibiana (Spurrell), 1 ♀ type. *Exp.* 28 mm.

(2i) *Tegulifera tripartita*, sp. n.

♂. Head whitish tinged with red-brown; thorax red-brown tinged with grey; abdomen whitish tinged with red-brown; legs dark brown, the tarsi ringed with white. Fore wing with the basal and terminal areas dark red-brown with a greyish gloss, the medial area pale grey slightly tinged with red-brown and irrorated with dark brown; antemedial line white slightly defined on outer side by brown, excurved to submedian fold, then incurved; the medial part of costa with a series of white points with dark brown between them; a small dark brown discoidal spot; postmedial line white slightly defined on inner side by brown, slightly incurved below vein 3; cilia pale red-brown with a fine white line at base defined on outer side by a dark line. Hind wing greyish with dark red-brown irroration along vein 1 and on terminal half; an oblique brown line from upper angle of cell to inner margin at the post-medial line which is pale defined on each side by brown, curved; cilia pale red-brown with a fine white line at base defined on outer side by a dark line. Underside of fore wing reddish ochreous irrorated with brown, the terminal area suffused with red-brown, the inner area white, the basal area darker to submedian fold, the costa black-brown with series of prominent white points to the postmedial line, which is dark defined on outer side by white forming a small spot at costa, a blackish discoidal spot; hind wing whitish tinged with rufous and irrorated with red-brown except on inner area, a dark discoidal spot and curved postmedial line defined on outer side by whitish.

Hab. ASSAM, Klâsis (Nissary), 3 ♂ type. *Exp.* 26 mm.

(3b) *Tegulifera ochrimesalis*, sp. n.

♀. Head, thorax, and abdomen yellow, the tegulae tinged with

purplish pink, the abdomen suffused with purplish pink and irrorated with black except at extremity; pectus, legs, and ventral surface of abdomen ochreous yellow. Fore wing ochreous yellow tinged with purplish pink and slightly irrorated with dark scales, the medial area and termen almost clear ochreous; antemedial line yellow slightly defined on outer side by brownish, curved; a blackish point at upper angle of cell; postmedial line yellow slightly defined on inner side by brownish, slightly excurved at middle and incurved at submedian fold. Hind wing yellowish suffused with purplish pink and irrorated with blackish; wavy whitish medial and postmedial lines; a terminal series of small blackish spots except towards tornus. Underside ochreous tinged with brown; both wings with indistinct pale sinuous ante- and postmedial lines defined by brownish; fore wing with slight dark discoidal spot.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 20 mm.

(3 d) *Tegulifera pallidalis*, sp. n.

♂. Head and thorax ochreous tinged with reddish; abdomen ochreous faintly tinged with purplish red and slightly irrorated with brown; fore and mid legs suffused with red-brown. Fore wing pale ochreous slightly irrorated with brown, the terminal area tinged with purplish pink; a series of slight dark points on costa; a slight dark discoidal spot; a straight pale ochreous postmedial line defined on inner side by brown and on outer by the pink terminal area; a terminal series of dark points; cilia brownish ochreous. Hind wing ochreous white; a rather punctiform brownish terminal line except towards tornus; cilia ochreous, tinged with brown towards apex. Underside ochreous white; fore wing with the costal and terminal areas tinged with pinkish, some pale points on costa towards base, a small brown discoidal spot, the postmedial line indistinct, whitish; hind wing with the costa deeper ochreous, an oblique brown postmedial line from costa to discal fold.

Hab. UGANDA, Gondotro (Reynes-Cole), 1 ♂ type. *Exp.* 20 mm.

(4 a) *Tegulifera bostralis*, sp. n.

♀. Head and thorax ochreous suffused with red-brown; abdomen ochreous irrorated with black-brown; legs suffused with red-brown; ventral surface of abdomen tinged with reddish. Fore wing with the basal and terminal areas red-brown, the medial area ochreous slightly irrorated with brown, more thickly towards costa; a pale antemedial line defining the basal area; some pale points on medial part of costa; a small black discoidal spot; postmedial line pale, oblique, slightly excurved at middle, then incurved; a terminal series of small blackish spots and a pale line at base of cilia. Hind wing ochreous tinged with red-brown, the terminal half suffused with pale red-brown; an indistinct sinuous dark medial line defined on outer side by ochreous; a terminal series of blackish bars; cilia red-brown with a pale line at base. Underside

of fore wing ochreous suffused with purplish red except on inner area, a series of whitish points on costa with dark brown between them to the oblique pale postmedial line; hind wing ochreous, the costal area and terminal half tinged with purplish red, a small blackish spot at upper angle of cell and oblique sinuous brown medial line.

Hab. BR. E. AFRICA, Kakumega Forest, Yala R. (*Neave*), 1 ♀ type: TRANSVAAL, White R. (*Cooke*), 1 ♀. *Exp.* 26-28 mm.

(6c) *Tegulifera metasarcistis*, sp. n.

♂. Head and thorax ochreous mixed with dark brown; abdomen ochreous; antennæ brownish; palpi dark brown irrorated with whitish; legs suffused with dark brown, the tarsi black-brown ringed with whitish. Fore wing ochreous thickly irrorated with purplish red and some black except on basal inner area; a pale postmedial line, excurved below discal fold; a terminal series of blackish bars; cilia ochreous tinged with red. Hind wing flesh-pink; a small brown subterminal spot at submedian fold; a blackish terminal line except towards tornus. Underside ochreous tinged with red; hind wing with obliquely curved red postmedial line.

Hab. GOLD COAST, Bibianaha (*Spurrell*), 1 ♂ type. *Exp.* 18 mm.

(7a) *Tegulifera flavicurvea*, sp. n.

♂. Head, thorax, and abdomen yellow tinged with reddish, the palpi, pectus, legs, and ventral surface of abdomen more strongly tinged with red-brown. Fore wing yellow tinged with purplish pink, especially on terminal half and slightly irrorated with brown; the costa with series of white points with dark brown between them except towards base; a pale subterminal line, excurved from below costa to vein 2; a fine white line at base of cilia defined on its outer side by a black line. Hind wing golden yellow with a black line at base of cilia. Underside yellow, the costal and terminal areas tinged with purplish red and the former irrorated with dark brown; fore wing with series of white points on costa with black between them, a curved white subterminal line defined on inner side by blackish, a terminal series of small blackish spots; hind wing with curved white subterminal line defined on inner side by blackish.

Hab. BORNEO, Sandakan (*Pryer*), 1 ♂ type. *Exp.* 22 mm.

(7b) *Tegulifera flavicola*, sp. n.

♀. Head, thorax, and abdomen yellowish suffused with purplish red; palpi dull purplish red. Fore wing yellowish suffused with dull purplish red and irrorated with blackish scales, the area from middle of wing to the postmedial line more strongly suffused; a faint dark discoidal spot; the postmedial line indistinct, excurved at middle and incurved below vein 2; a terminal series of small blackish spots. Hind wing yellowish, suffused and irrorated with

dark brown to the indistinct curved postmedial line, the terminal area very slightly irrorated; a terminal series of small dark brown spots; cilia with a dark brown line through them. Underside yellow; fore wing tinged and irrorated with brown to the postmedial line, the terminal area slightly irrorated, more strongly towards costa; hind wing irrorated with brown to the indistinct irregular postmedial line, the terminal area sparsely irrorated from costa to vein 2.

Ab. 1. Wings uniformly suffused with red and irrorated with blackish; fore wing with the postmedial line hardly traceable; hind wing with it indistinct; the underside uniformly suffused with red and irrorated with black, both wings with curved slightly waved blackish postmedial line.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 3 ♀ type. *Exp.* 20-24 mm.

(7 c) *Tegulifera chromalis*, sp. n.

♂. Head, thorax, and abdomen golden yellow suffused with purplish red; palpi yellow tinged with purplish red in front towards base; fore coxæ and mid femora towards base deep purple, the fore and mid tibiæ black-brown, the tarsi black-brown ringed with whitish. Fore wing golden yellow, the basal area to just below the cell purplish red, the apical area from middle of costa to termen at vein 1 suffused and irrorated with purplish red leaving a conical almost clear yellow patch from postmedial part of costa to below vein 5, the inner area irrorated with a few red scales; some yellow points on medial part of costa; the antemedial line represented by a yellow bar from costa to median nervure; the postmedial line faint and excurved from vein 6 to 2, then incurved; cilia glossy black-brown. Hind wing golden yellow irrorated with purplish red to the postmedial line and on terminal area from apex to vein 4; an oblique curved red antemedial line joined at inner margin by the curved slightly waved postmedial line; cilia glossy black-brown except towards tornus. Underside yellow; fore wing more evenly irrorated with red, the costa deep purplish red with pale points on it to the indistinct curved yellow postmedial line; hind wing with the costal area irrorated with red, a faint curved postmedial line formed by red scales.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♂ type. *Exp.* 30 mm.

(7 d) *Tegulifera ochrealis*, sp. n.

♀. Orange-yellow. Fore wing with faint traces of curved postmedial line. Hind wing rather paler.

Hab. MASHONALAND (*Dobbie*), 1 ♀ type. *Exp.* 20 mm.

(9 a) *Tegulifera conivalis*, sp. n.

♂. Head, thorax, and abdomen greyish suffused with mid reddish brown; fore tarsi dark brown ringed with whitish; dull

and hind tarsi whitish. Fore wing greyish tinged with red-brown and thickly irrorated with dark red-brown; an oblique whitish antemedial line defined on outer side by diffusel dark brown; some whitish points on medial part of costa with dark brown between them; a small dark brown discoidal spot; postmedial line whitish defined on inner side by dark brown, slightly waved and curved to vein 2 and incurved at submedian fold; a terminal series of small dark brown spots and whitish line at base of cilia. Hind wing whitish tinged and irrorated with brown; a terminal series of small dark brown spots. Underside whitish tinged and irrorated with purplish brown, the inner areas paler; both wings with small dark discoidal spot and curved postmedial line; fore wing with the costa dark brown with white points on it to the postmedial line.

Hab. GERM. E. AFRICA, Dar-es-Salaam, 1 ♂ type. *Exp.* 16 mm.

(2) *Elæalis metachalcistis*, sp. n.

♂. Head, thorax and abdomen dark red-brown: antennæ whitish ringed with brown; fore tarsi ringed with whitish, the mid and hind tarsi whitish tinged with red-brown. Fore wing dark red-brown with a cupreous gloss; a series of whitish points on costa to beyond middle and a postmedial whitish spot tinged with reddish. Hind wing golden cupreous irrorated with dark red-brown, the costal and terminal areas dark red-brown, the latter narrowing to tornus: the underside reddish ochreous, the basal part of costal area and cell mottled with reddish ochreous defining a dark brown discoidal spot, the terminal area dark brown narrowing to tornus.

♀. Fore wing with narrow whitish postmedial band tinged with reddish.

Hab. BR. E. AFRICA, Kikuyu Escarpment, Iléa (*Doherty*), 2 ♂, 1 ♀ type. *Exp.* 18-20 mm.

(1a) *Stemmatophora albiceps*, sp. n.

Antennæ of male with the basal joint very long.

Head ochreous white, the antennæ dark brown except the basal joint, the palpi with dark brown spot at side of 2nd joint, the 3rd dark brown with white tips; tegulae ochreous white irrorated with some dark brown scales and dark brown at sides: thorax whitish, the patagia dark brown at sides; abdomen reddish brown tinged with grey, the anal tuft ochreous; pectus, legs, and ventral surface of abdomen dark brown tinged with grey. Fore wing dark reddish brown; triangular white ante- and postmedial patches on costa with faint slightly curved whitish lines from them to inner margin and two white points between them on costa; cilia with a fine white line at base and some whitish at tips. Hind wing dark reddish brown with curved whitish ante- and postmedial lines; cilia with a slight whitish line at base. Underside fuscous brown; fore wing with the inner area whitish, a series of ochreous-white points on costa to an ochreous-white postmedial patch with slight

line from it to inner margin; hind wing with oblique whitish postmedial line defined on inner side by darker brown.

Hab. N. NIGERIA, Minna (*Macfie*), 1 ♂ type, Zungeru (*Macfie*), 1 ♂, 1 ♀. *Exp.*, ♂ 14, ♀ 16 mm.

(2a) *Stemmatophora oleoalbalis*, sp. n.

♂. Head and thorax white with a faint brownish tinge; abdomen whitish tinged with red-brown and irrorated with dark brown scales; antennæ ringed with brown; pectus and legs suffused with red-brown, the tarsi dark brown ringed with white; ventral surface of abdomen dark brown towards extremity. Fore wing white tinged with pale olive and irrorated with a few black scales; a slight black mark at base of costa; the medial area black with white points on costa and defined by the diffused white ante- and postmedial lines, the former nearly straight, the latter strongly excurved at middle, then incurved, a wedge-shaped rufous patch beyond it on costa; a terminal series of faint black points. Hind wing white with a faint brownish tinge; a faint curved dark postmedial line; a terminal series of black points except towards tornus. Underside whitish tinged with rufous; fore wing with whitish points with black between them to the postmedial line, the medial area suffused with blackish; hind wing with slight dark point at upper angle of cell and rather diffused black postmedial line defined on outer side by white and excurved at middle.

Hab. BR. E. AFRICA, Nairobi (*Anderson*), 1 ♂ type. *Exp.* 20 mm.

(2b) *Stemmatophora chloralis*, sp. n.

Stemmatophora chloralis, Longstaff, Butterfly Hunting in Many Lands, pl. ii. fig. 9.

♀. Head white; antennæ with the extreme base of shaft black; thorax white tinged with very pale blue-green; pectus, legs, and abdomen white irrorated with a few black scales, the tarsi slightly ringed with black. Fore wing white very finely pencilled with pale blue-green; a black striga from base of costa; a black point on middle of costa; an oblique black band, defined on each side by rather diffused white from costa just beyond middle to inner margin, with some white points on it at costa, expanding into a large elliptical black patch in and beyond the cell, then narrowing and again slightly expanding to inner margin; a terminal series of slight black points with a more prominent point above tornus. Hind wing white, the terminal area slightly irrorated with black scales, extending on costa to middle and narrowing to tornus; a slight fuscous mark at lower angle of cell; a terminal series of small black spots from apex to submedian fold. Underside of fore wing with prominent series of black striæ on costa from base to the postmedial band which is obsolescent.

Hab. ZAMBESI, Victoria Falls (*Longstaff*), 1 ♀ type, ♂ in Coll. Longstaff. *Exp.* 24 mm.

(6c) *Stemmatophora cupricolor*, sp. n.

♂. Head, thorax, and abdomen pale red with a whitish tinge, the pectus, legs, and ventral surface of abdomen whiter. Fore wing cupreous red slightly irrorated with black; a whitish postmedial line, oblique to vein 6, then sinuous; a fuscous terminal line; cilia fuscous mixed with whitish and with black line near base. Hind wing fiery red irrorated with blackish; a blackish antemedial line, oblique to submedian fold, where there is a white patch before it, then sinuous and defined on inner side by whitish; a curved white postmedial line slightly defined on inner side by blackish; cilia fuscous mixed with whitish and with black line near base. Underside of fore wing grey-brown, a slight dark postmedial line defined on outer side by whitish, oblique to vein 5, then slightly incurved; hind wing brownish white slightly irrorated with brown, a slight curved brown postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type: *Exp.* 26 mm.

(6d) *Stemmatophora olivotincta*, sp. n.

♂. Head, thorax, and abdomen whitish tinged with olive-brown; pectus, legs, and ventral surface of abdomen tinged with crimson. Fore wing whitish suffused with pale olive-brown; a slightly curved white antemedial line; the medial part of costa with series of white points with dark brown between them; a straight erect white postmedial line; a slight crimson terminal line; cilia bright crimson with a fine white line at base. Hind wing whitish suffused with pale olive-brown; traces of a curved white antemedial line and a more distinct postmedial line; a slight crimson terminal line; cilia bright crimson with a fine white line at base. Underside white tinged with rufous; fore wing with large patch of crimson suffusion in and beyond the cell and below lower end of cell with slight crimson suffusion beyond it between veins 5 and 2; hind wing with crimson antemedial line oblique to median nervure, the medial part of costa and a spot at upper angle of cell crimson, a strong rather diffused crimson postmedial line, the terminal area tinged with crimson towards apex and in submedian interspace.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♀ type. *Exp.* 24 mm.

(6f) *Stemmatophora hemicyclalis*, sp. n.

Head and thorax ochreous tinged with rufous and irrorated with a few dark brown scales; abdomen ochreous white irrorated with dark brown scales forming diffused dorsal bands except towards base; palpi and fore legs dark reddish brown, the latter with the tarsi ringed with white. Fore wing ochreous whitish irrorated with dark brown, the basal area suffused with red-brown, the costa dark brown with slight whitish points to beyond middle; a minute black discoidal spot; postmedial line white, incurved from costa towards apex to tornus, the semicircular terminal area suffused with

dark brown shading to red-brown at termen; a terminal series of black points; cilia greyish suffused with brown. Hind wing white irrorated with brown except on terminal area from apex to vein 3 which is faintly tinged with rufous; an indistinct obliquely curved dark postmedial line; a terminal series of small black spots; cilia tinged with brown and with a brownish line near base. Underside whitish; fore wing irrorated with brown especially on basal half, an indistinct erect dark postmedial line; hind wing with the costal area irrorated with brown, an indistinct obliquely curved dark postmedial line.

Hab. TRANSVAAL, White R. (*Cooke*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 20, ♀ 22 mm.

(11 a) *Stemmatophora perrubralis*, sp. n.

♀. Head and thorax fiery rufous; abdomen yellowish tinged with rufous, the ventral surface deeper rufous. Fore wing fiery rufous slightly irrorated with dark brown; antemedial line pale slightly defined on outer side by black scales, rather oblique; a small black discoidal spot; postmedial line whitish slightly defined on inner side by dark scales, almost straight and erect; a slight dark terminal line and whitish line at base of cilia which are brown and whitish at tips. Hind wing yellowish suffused with fiery red; a curved whitish postmedial line slightly defined on inner side by red; a line whitish line at base of cilia. Underside yellowish suffused with fiery red; both wings with faint red postmedial line defined on outer side by whitish.

Hab. LOURENÇO MARQUES, Shilouvane (*Junod*), 2 ♀ type. *Exp.* 28 mm.

(12 a) *Stemmatophora minimalis*, sp. n.

Head, thorax, and abdomen whitish suffused with pale red-brown; pectus, legs, and ventral surface of abdomen whitish irrorated with dark brown. Fore wing whitish suffused with pale red-brown and irrorated with blackish; the costa with slight whitish points with blackish between them to the postmedial line; a curved whitish antemedial line; a faint dark medial line, slightly excurved to submedian fold, then incurved; postmedial line whitish slightly defined on inner side by dark brown and slightly curved; cilia brown with pure white tips. Hind wing whitish suffused with pale red-brown and irrorated with blackish; an oblique whitish antemedial line curved inwards to costa; a straight white postmedial line; cilia brown, pure white at tips. Underside whitish suffused with reddish and irrorated with brown; both wings with curved white postmedial line.

Hab. CEYLON, Trincomali (*Green*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 12, ♀ 14 mm.

(12f) *Stemmatophora excurvalis*, sp. n.

♀. Head, thorax, and abdomen whitish suffused with pale red-brown and irrorated with dark brown, the last with blackish dorsal bands on two medial segments. Fore wing whitish suffused with pale red-brown and irrorated with dark brown; a narrow inwardly oblique whitish antemedial band; the medial part of costa with slight whitish points with dark brown between them; a faint blackish discoidal spot; postmedial line whitish slightly defined on inner side by fuscous, slightly incurved to discal fold, then strongly excurved to vein 2, then incurved; cilia with a white line at base, the tips fuscous and white. Hind wing whitish tinged with pale red-brown and irrorated with brown, the apical area more suffused with brown; a diffused curved whitish postmedial line; a terminal series of slight dark spots; cilia white with dark lines near base and tips. Underside white tinged with red-brown and irrorated with dark brown; fore wing thickly irrorated except on inner area, the costa with whitish points with dark brown between them to the postmedial line; a small blackish discoidal spot; hind wing with small black discoidal spot and rather diffused blackish postmedial line defined on outer side by whitish and excurved at middle.

Hab. BR. E. AFRICA, Nairobi (*Anderson*), 1 ♀ type. *Exp.* 20 mm.

(12g) *Stemmatophora postaurantia*, sp. n.

Head, thorax, and abdomen whitish tinged with rufous, the last irrorated with black on terminal half; antennae slightly ringed with black. Fore wing whitish tinged with pale rufous and irrorated with black; a patch of black irroration at base of costal area; antemedial line black, diffused, slightly excurved at submedian fold; the medial part of costa black with white points on it; a black discoidal spot; postmedial line black, diffused, slightly incurved at discal fold and angled inwards at submedian fold; a patch of black irroration on costal area towards apex; a terminal series of small black spots. Hind wing reddish orange with a terminal series of small black spots. Underside of fore wing orange-red, the costal and inner areas whitish tinged with olive-brown, the costa with series of whitish points with some black between them to the diffused black postmedial line, slightly incurved at discal and submedian folds, a black discoidal spot; hind wing orange-red, the costal and terminal areas irrorated with a few blackish scales, an indistinct oblique postmedial line formed by blackish scales.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂, 1 ♀ type. *Exp.* 20 mm.

(13a) *Stemmatophora erebalis*, sp. n.

Head, thorax, and abdomen red-brown largely mixed with black; tarsi pale. Fore wing reddish brown very thickly irrorated with

black; a pale waved antemedial line; the medial area with series of black and pale points on costa; a black discoidal spot; a pale minutely waved postmedial line defined by black on inner side and excurved at middle; a terminal series of small black spots; cilia reddish with dark lines at middle and tips. Hind wing fuscous with indistinct blackish discoidal spot; a pale curved postmedial line; a fine black terminal line; cilia pale with diffused dark line through them.

Hab. GOLD COAST, Ajinak (*Dudgeon*) 2 ♂, 1 ♀ type; N. NIGERIA, Minna (*Macfie*), 3 ♂, 1 ♀, Zungeru (*Macfie*), 2 ♂, 2 ♀, Bida (*Macfie*), 3 ♀; MASHONALAND (*Dobbie*), 1 ♀. *Exp.*, ♂ 20, ♀ 26 mm.

(15 b) *Stemmatophora fusilinealis*, sp. n.

Head, thorax, and abdomen ochreous suffused with rufous, the terminal half of abdomen with black strongly mixed; fore legs black-brown, the tarsi ringed with white; mid legs suffused with black-brown, the tarsi whitish ringed with black. Fore wing ochreous suffused with cupreous red and slightly irrorated with black; a diffused curved black antemedial line; the medial part of costa with series of white points with black between them; a small black discoidal spot; a diffused black postmedial line, angled inwards at discal and submedian folds and with its outer edge minutely dentate; traces of a waved subterminal line formed by black scales; a terminal series of black striæ; cilia with blackish lines near base and tips. Hind wing ochreous suffused with cupreous red; an indistinct curved slightly waved dark postmedial line; a terminal series of black striæ; cilia with blackish lines near base and tips. Underside ochreous suffused with cupreous red; fore wing with series of whitish points with blackish between them to the postmedial line, the other markings as above.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 3 ♂, 1 ♀ type. *Exp.* 22 mm.

(5 a) *Herculia roseotincta*, sp. n.

Head, thorax, and abdomen white tinged with pinkish brown; palpi and legs suffused with red-brown. Fore wing whitish suffused with brownish pink and faintly irrorated with brownish, the costal edge whiter; antemedial line white, angled outwards below costa, then oblique; a slight brownish discoidal spot; postmedial line white, oblique; a whitish line at base of cilia. Hind wing white, the terminal half tinged with pink except towards tornus; a faint white postmedial line slightly defined on inner side by pink; a terminal series of pink points to submedian fold; the cilia tinged with pink and with whitish line at base to submedian fold. Underside of fore wing rose-red, the inner area white, the costa with series of white points with brown between them to the obliquely curved white postmedial line; hind wing white, the costal area suffused and irrorated with pink, a slight pinkish discoidal point, a

curved white postmedial line slightly defined on inner side by pink from costa to submedian fold.

Hab. TRANSVAAL, White R. (Cooke), 1 ♀, Pretoria (*Distant, Janse*), 2 ♂, 1 ♀ type. *Exp.* 22-24 mm.

(15 a) *Herculia plumbeoprunalis*, sp. n.

Head and thorax yellowish suffused with purplish red; thorax and abdomen greyish suffused with purplish red; pectus, legs, and ventral surface of abdomen purplish red. Fore wing reddish brown with a leaden-grey gloss, the costal area yellow suffused with purplish red; a slightly curved brown antemedial line defined on inner side by yellowish; a series of yellow points on medial part of costa with dark red-brown between them; a slight brown discoidal striga; the postmedial line almost subterminal, with a yellow bar from costa to vein 6, then a slight pale line excurved to vein 2; cilia yellow, deep red at base and apex. Hind wing reddish brown glossed with leaden grey; a faint pale curved postmedial line; cilia yellow, deep red at base. Underside whitish tinged with brown; fore wing with the costal area yellow tinged with red and with yellow points on costa with brown between them to the postmedial line; hind wing with curved brown postmedial line.

Hab. W. COLOMBIA, R. Jimenez, 1 ♀, R. Dagua, 1 ♀; VENEZUELA, Esteban Valley, Las Quiguas, 2 ♀; ECUADOR, R. Pastaza, Alpayacu (*Palmer*), 1 ♂. *Exp.* 22-30 mm.

(22 b) *Herculia perpulverea*, sp. n.

♀. Head, thorax, and abdomen brownish ochreous irrorated with dark brown; pectus, legs, and ventral surface of abdomen pale red-brown. Fore wing brownish ochreous thickly irrorated with dark brown; traces of a curved brownish antemedial line defined on inner side by diffused ochreous; postmedial line indistinct, brown defined on outer side by ochreous, strongly excurved; a fine pale line at base of cilia. Hind wing brownish ochreous thickly irrorated with dark brown; a faint curved dark postmedial line; a fine pale line at base of cilia. Underside ochreous whitish tinged and irrorated with red-brown; both wings with faint curved brown postmedial line.

Hab. GOLD COAST, Kumasi (*Sanders*), 1 ♀ type. *Exp.* 24 mm.

(24 b) *Herculia griseobrunnea*, sp. n.

♂. Head, thorax, and abdomen purplish brown mixed with grey; antennæ whitish tinged with brown; mid tarsi and hind legs whitish. Fore wing purplish brown irrorated with grey; antemedial line white, excurved to submedian fold; the medial part of costa with white points with dark brown between them; postmedial line white, expanding at costa, then slightly waved and

excurved at middle; a fine white line at base of cilia followed by a brown line. Hind wing whitish suffused and irrorated with purple-brown; a curved white postmedial line; a fine white line at base of cilia followed by a brown line. Underside white thickly irrorated with brown; fore wing with white points with dark brown between them on costa to the postmedial line.

Hab. TRANSVAAL, Groenvlei (*Janse*), 1 ♂, Merwe (*Janse*), 1 ♂ type, Pretoria (*Janse*), 1 ♂. *Exp.* 18 mm.

(25 a) *Herculia purpureorufa*, sp. n.

♀. Head, thorax, and abdomen greyish suffused with purple-red; hind legs whitish. Fore wing deep purplish red; a curved white antemedial line expanding into a patch on costa; two white points on medial part of costa; a white postmedial bar from costa to vein 6, then a fine line excurved at middle and above inner margin and incurved at submedian fold; a white line at base of cilia. Hind wing deep purple-red irrorated with a few dark brown scales; an obliquely curved white antemedial line joined above inner margin by a similar postmedial line and both slightly excurved just below submedian fold; a fine white line at base of cilia followed by a dark brown line. Underside purple-red thickly irrorated with dark brown; fore wing with white points on costa to the postmedial line; hind wing with curved white postmedial line.

Hab. MADRAS, Belgaum (*Watson*), 1 ♀ type. *Exp.* 20 mm.

(26 b) *Herculia pyrerythra*, sp. n.

♂. Head, thorax, and abdomen purplish red, the anal tuft yellowish; legs irrorated with black. Fore wing deep purple-red irrorated with black, the medial area more thickly irrorated except towards costa; a curved whitish antemedial line; the medial part of costal area paler with slight white points with black between them on the costa; postmedial line whitish, expanding at costa, excurved at middle and above inner margin; cilia fuscous brown with fine white line at base and diffused whitish line at middle. Hind wing deep purple-red irrorated with black, the medial area more thickly irrorated; an oblique white antemedial line and white postmedial line excurved at middle and above inner margin; cilia fuscous brown with a fine white line at base and more diffused line at middle. Underside purple-red thickly irrorated with black; fore wing with white points on costa to the postmedial line; hind wing with the postmedial line defined on inner side by black.

Hab. N. NIGERIA, Zungeru (*Simpson*), 1 ♂ type. *Exp.* 16 mm.

(26 c) *Herculia lacteocilia*, sp. n.

Head, thorax, and abdomen greyish suffused with pale purplish red, the last irrorated with a few dark scales; fore legs dark brown, the tarsi ringed with whitish. Fore wing greyish tinged with

purplish red and irrorated with blackish, the terminal area suffused with fuscous brown; traces of a pale curved antemedial line; the medial part of costa with whitish points with black-brown between them, and with the costal area whiter; postmedial line whitish, oblique; cilia black-brown at base, pale yellow at tips. Hind wing purplish red irrorated with blackish; oblique slightly sinuous whitish ante- and postmedial lines approximated at inner margin; cilia black-brown at base, pale yellow at tips. Underside whitish suffused with purplish red and irrorated with black; fore wing with white points on costa to the postmedial line; hind wing with oblique white postmedial line.

Ab. 1. Hind wing brighter purplish red; cilia of both wings pure white at tips.

Hab. UGANDA, Toro, Mpanga Forest (*Neave*), 1 ♂, 1 ♀ type; BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂. *Exp.*, ♂ 18, ♀ 20 mm.

(32 b) *Herculia perrubralis*, sp. n.

♀. Head, thorax, and abdomen purplish red; mid and hind tarsi whitish. Fore wing deep purple-red; antemedial line black defined on inner side by whitish, rather oblique; some pale points on medial part of costa with black between them; a small black discoidal spot; postmedial line black defined on outer side by whitish, rather oblique; a terminal series of blackish points and fine whitish line at base of cilia. Hind wing deep purple-red; an oblique blackish antemedial line and similar postmedial line defined on outer side by whitish; a terminal series of slight dark points and fine whitish line at base of cilia. Underside purplish red; both wings with small black discoidal spots and oblique postmedial line; fore wing with whitish points on costa to the postmedial line; hind wing with the costal area irrorated with blackish.

Hab. S. NIGERIA, Itu (*Farquhar*), 1 ♀ type. *Exp.* 28 mm.

(34 a) *Herculia castaneorufa*, sp. n.

Head, thorax, and abdomen chestnut-red; antennæ whitish tinged with red. Fore wing chestnut-red; traces of a whitish antemedial line; the medial part of costa with yellow points with dark brown between them; postmedial line yellow, slightly curved, dilated at costa; cilia glossy fuscous brown. Hind wing chestnut-red with a curved yellowish postmedial line; cilia glossy fuscous brown. Underside yellowish tinged with red and irrorated with brown; fore wing with yellowish points with dark brown between them on costa to beyond middle; hind wing with oblique dark brown medial line.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 2 ♂, 1 ♀ type. *Exp.*, ♂ 24, ♀ 28 mm.

(34 b) *Herculia flavirufalis*, sp. n.

Head, thorax, and abdomen yellowish tinged with red. Fore

wing yellow tinged with fiery red and slightly irrorated with brown; traces of a yellow antemedial line; the medial part of costa with yellow points with black-brown between them; a yellow postmedial line faintly defined on inner side by brown, slightly excurved at middle; a terminal series of slight brown points; cilia glossy fuscous brown with a fine yellow line at base. Hind wing yellow suffused with fiery red; indistinct curved dark ante- and postmedial lines defined by whitish, the former on inner side, the latter on outer; cilia glossy fuscous brown. Underside yellow tinged with red; fore wing with dark discoidal point and yellowish points on costa with blackish between them to the dark postmedial line defined on outer side by whitish; hind wing with faint curved dark postmedial line.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♂, 1 ♀ type. *Exp.* 22 mm.

(34c) *Herculia ecrhodalis*, sp. n.

♂. Head and thorax pale purplish red; abdomen whitish irrorated with purplish red; antennæ whitish; pectus and legs red-brown; abdomen whitish tinged with red-brown. Fore wing whitish tinged with red and irrorated with purplish red, the terminal area suffused with purplish red; traces of a whitish antemedial line; the medial part of costa with whitish points with dark brown between them; postmedial line whitish, slightly excurved at middle. Hind wing whitish suffused with purple-red; a curved whitish postmedial line; cilia with a whitish line at base. Underside whitish suffused with red-brown; fore wing with whitish points with dark brown between them on costa to the faint pale postmedial line; hind wing with curved whitish postmedial line.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 2 ♂ type. *Exp.* 18 mm.

(34d) *Herculia ecbrunnealis*, sp. n.

♀. Head, thorax, and abdomen greyish tinged with red-brown, the pectus and ventral surface of abdomen redder, the legs brownish with the tarsi ringed with whitish. Fore wing greyish tinged with olive-brown, the terminal area browner; traces of a whitish antemedial line; the medial part of costa with whitish points with dark brown between them; a small dark brown discoidal spot; postmedial line indistinct, dark brown defined on outer side by whitish, excurved at middle, a terminal series of black-brown points and fine whitish line at base of cilia, which are grey-brown. Hind wing greyish tinged with olive-brown, the terminal area browner; a curved brown postmedial line defined on outer side by whitish; a brown terminal line and fine white line at base of cilia, which are grey-brown. Underside ochreous suffused with rufous and irrorated with brown; fore wing with small blackish discoidal spot and whitish points with blackish between them on costa to the postmedial line; hind wing with dark discoidal point and curved postmedial line.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♀ type. *Exp.* 18 mm.

(11) *Triphassa trichotibialis*, n. n.

Triphassa bilinea, Hmps. Moths Ind. iv. p. 166 (nec Moore).

Hab. CEYLON.

(1a) *Sacada papuana*, sp. n.

♂. Head, thorax, and abdomen grey mixed with chocolate-brown, the tegulae mostly chocolate-brown; pectus in front and the fringes of hair on fore legs more chocolate-red. Fore wing grey irrorated with chocolate-brown, the basal area from costa to vein 1 chocolate-brown with some fiery rufous in submedian interspace; antemedial line grey, oblique to submedian fold, then inwardly oblique; a reddish-brown discoidal spot defined by grey; postmedial line grey, oblique below vein 4, a broad chocolate-brown shade beyond it; cilia dark brown mixed with grey. Hind wing purplish grey suffused with brown. Underside of fore wing purplish red, the inner area grey, the postmedial line indistinct, whitish; hind wing purplish grey, the costal area suffused with red, an indistinct curved whitish postmedial line ending at tornus.

Hab. BR. N. GUINEA, Dinawa (*Pratt*), 1 ♂, Ekeikei (*Pratt*), 1 ♂ type. *Exp.* 44-48 mm.

(3c) *Sacada erythropis*, sp. n.

♀. Head, thorax, and abdomen purplish pink mixed with red-brown; pectus, legs, and ventral surface of abdomen chestnut-red. Fore wing purplish pink slightly irrorated with brown; a large elliptical crimson-red patch from below costa to above inner margin before the strongly curved fuscous antemedial line; a discoidal bar formed by fiery red and black-brown scales with a pale striga in centre; a diffused obliquely curved rufous line beyond the cell; postmedial line fuscous slightly defined on outer side by whitish, rather oblique to vein 5, then inwardly oblique, a fiery rufous shade beyond it and a chocolate-brown patch between veins 7 and 4; cilia black-brown mixed with red and with a fine whitish line at base. Hind wing dark reddish brown to the indistinct curved postmedial line, then purplish red irrorated with brown; a fine whitish line at base of cilia. Underside of both wings dark brown to the curved black-brown postmedial line defined on outer side by white towards costa of fore wing, the terminal areas purple-red.

Hab. S. NIGERIA, Ilorin (*Macfie*), 1 ♀ type. *Exp.* 30 mm.

(5b) *Sacada albioculalis*, sp. n.

♂. Head and thorax greyish mixed with red-brown, the patagia dark red-brown except at base; abdomen greyish suffused with red-brown; antennae red-brown; pectus, legs, and ventral surface

of abdomen bright red-brown. Fore wing red-brown mixed with greyish, the basal part of inner area and the medial area darker greyish brown; a large fiery-red patch below the cell before the antemedial line, which is white and strongly excurved from discal fold to inner margin; a white discoidal bar with its lower extremity slightly angled outwards and a small black-brown spot on its lower part; postmedial line white, rather oblique to vein 5, then inwardly oblique and sinuous to inner margin, where it is approximated to the antemedial line, some fiery red suffusion beyond it. Hind wing whitish suffused with pale reddish; a faint curved dark postmedial line. Underside whitish suffused with pale reddish; fore wing with faint dark postmedial line oblique and sinuous below vein 5; hind wing with faint curved dark postmedial line.

Ab. 1. Fore wing with the ante- and postmedial lines confluent at vein 1 and not reaching inner margin.

Hab. DUTCH N. GUINEA, Fak-fak (*Pratt*), 2 ♂ type. *Exp.* 30 mm.

(9a) *Sacada nyasana*, sp. n.

♀. Head, thorax, and abdomen purple-brown; the hind tarsi with the 1st joint whitish towards base and the other joints ringed with whitish. Fore wing purple; a strongly curved fuscous antemedial line with a broad chocolate-brown shade before it; a deep chocolate-brown discoidal spot with a whitish bar in centre, a chocolate-brown shade beyond the cell, oblique below vein 4; postmedial line fuscous slightly defined on outer side by grey, rather oblique to vein 4, then inwardly oblique, the apical area beyond it chocolate-brown, its lower edge running obliquely to termen at vein 4, and a chocolate-brown shade beyond the postmedial line from vein 4 to inner margin; cilia chocolate-brown. Hind wing pale purple-brown. Underside purple; fore wing with fuscous postmedial line defined on outer side by white towards costa and oblique below vein 4; hind wing with fuscous postmedial line excurved at middle.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♀ type. *Exp.* 42 mm.

(13) *Sacada viridalis*, sp. n.

♀. Head and thorax dull apple-green; abdomen grey suffused with brown; antennæ grey-brown; pectus, legs, and ventral surface of abdomen white tinged with brown. Fore wing dull apple-green, the costal edge red-brown with a series of white points on medial area; antemedial line red-brown, sinuous to median nervure, where it is angled outwards, then oblique; postmedial line red-brown, incurved below costa, excurved to vein 4, then incurved and very slightly waved; cilia pale purplish brown with a fine white line at base. Hind wing dull apple-green, the costal area purple; an oblique purple-brown antemedial line and slightly sinuous postmedial line; cilia pale purplish with a fine white line

at base followed by a dark line. Underside whitish suffused with purple except on inner area; fore wing with the costa red-brown with white points on it to the dark postmedial line, which is ex-curved at middle, a dark discoidal point; hind wing with dark discoidal point and curved postmedial line slightly waved to vein 2.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♀ type. *Exp.* 30 mm.

(2 a) *Paractenia pallidirabra*, sp. n.

♂. Head and thorax whitish suffused with pale purplish red; abdomen white. Fore wing whitish suffused with pale purplish red, the costa rather darker; a small blackish discoidal spot; post-medial line indistinct, dark, rather diffused on inner side and minutely dentate on outer, slightly ex-curved to vein 2 and in-curved at submedian fold; a terminal series of slight blackish spots. Hind wing white faintly tinged with red-brown; a rather punctiform red-brown terminal line. Underside white, the fore wing and costal area of hind wing faintly tinged with red; fore wing with slight dark discoidal spot and obliquely curved post-medial line; hind wing with faint discoidal point and postmedial striga from costa.

Hab. BOMBAY, Deesa (*Nurse*), 1 ♂ type. *Exp.* 24 mm.

(3 a) *Paractenia viridicostalis*, sp. n.

Head yellowish white tinged with red; thorax olive-brown mixed with black-brown and some whitish; abdomen yellowish white tinged with red, irrorated with black and dorsally banded with black; antennæ ringed with black; palpi red-brown, ochreous in front; pectus ochreous in front; legs ochreous tinged with red and irrorated with blackish. Fore wing with the costal and terminal areas olive-green slightly irrorated with blackish; some dark reddish-brown suffusion at base in and below the cell; a broad, obliquely curved, diffused dark reddish-brown fascia from near termen below apex to inner margin near base, a dark brown discoidal spot; a rather lunulate white mark from costa before apex, and broad oblique white postmedial band from vein 5 to inner margin with a dentate brown subterminal line slightly defined on outer side by white on its outer edge with a reddish shade beyond it; a terminal series of small blackish spots; a fine whitish line at base of cilia followed by small dark spots. Hind wing whitish suffused with purplish red and slightly irrorated with brown; some brown suffusion at base; a curved slightly sinuous brown post-medial line defined on outer side by white except towards costa; a terminal series of dark bars separated by white points from apex to submedian fold; cilia with a white line at base followed by a dark line. Underside whitish suffused with red and irrorated with brown; fore wing with broad dark reddish-brown shade on costal area extending to inner margin before middle, a lunulate whitish

patch from costa towards apex and oblique waved brown sub-terminal line defined on outer side by whitish; hind wing with rather diffused curved slightly waved dark brown postmedial line defined on outer side by whitish.

Hab. DUTCH N. GUINEA, Snow Mts., Setakwa R. (*Meek*), 3 ♂ type. *Exp.* 26-28 mm.

(4a) *Paractenia sanguinetta*, sp. n.

♀. Head, thorax, and abdomen ochreous mixed with some purplish red; pectus, legs, and ventral surface of abdomen tinged with red and irrorated with black. Fore wing yellowish irrorated with purplish red, more thickly on basal costal area; an oblique diffused purplish-red postmedial line, somewhat angled inwards at submedian fold; a maculate deep red terminal line with some blackish scales on it; cilia white at base, blackish mixed with whitish at tips. Hind wing yellowish irrorated with purplish red and blackish; a faint diffused curved reddish postmedial line; a fine blackish terminal line; cilia white at base, blackish mixed with whitish at tips. Underside yellow tinged with purplish red and irrorated with black; both wings with indistinct diffused dark postmedial line.

Hab. GOLD COAST, Kumasi (*Sanders*), 1 ♀ type. *Exp.* 22 mm.

(5a) *Paractenia phanerostola*, sp. n.

♀. Head, thorax, and abdomen pale glossy red-brown, the palpi and fore legs rather deeper red-brown. Fore wing pale glossy red-brown, the costa rather deeper red-brown; a faint rather diffused curved brown antemedial line; a faint brown postmedial line, ex-curved to vein 4, then oblique. Hind wing pale glossy red-brown; a faint diffused oblique brown antemedial line and rather more distinct curved postmedial line. Underside of fore wing whitish suffused with red-brown; hind wing whitish tinged with red-brown; both wings with curved brown postmedial line.

Hab. ECUADOR, R. Bobonaza, Canelos (*Palmer*), 1 ♀ type. *Exp.* 34 mm.

(5b) *Paractenia castaneonigra*, sp. n.

Head, thorax, and abdomen chestnut-red, the last dorsally suffused with black; legs suffused with black, the tarsi black ringed with chestnut. Fore wing chestnut-red, the base and the whole wing beyond the antemedial line suffused with black-brown; antemedial line blackish, oblique to submedian fold, then angled inwards at vein 1; the medial part of costa with reddish-ochreous points; postmedial line indistinct, ochreous, very slightly waved, ex-curved at middle and angled inwards at submedian fold; cilia blackish at base and with some ochreous scales at middle. Hind wing glossy black-brown with a chestnut-red tinge: cilia black at base, bright yellow at tips. Underside black-brown: fore wing

with the costal area chestnut-red to the postmedial line, the costal edge black-brown with ochreous points on it, the postmedial line yellow on costal area, then indistinct; hind wing with the costal area and cell chestnut-red to the postmedial line, the inner area whitish irrorated with black-brown, a yellowish postmedial line slightly incurved in submedian interspace.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♂, 2 ♀ type. *Exp.*, ♂ 28, ♀ 36 mm.

(6 a) *Paractenia sichimensis*, sp. n.

Head and thorax yellow mixed with brick-red; abdomen yellow tinged with red and irrorated with brown; legs yellow irrorated with dark brown. Fore wing yellow suffused with red and irrorated with brown, the medial area yellower with a nearly clear yellow conical patch from costa before the postmedial line and another patch below end of cell; antemedial line brown defined on outer side by yellow, excurved to median nervure, then oblique; the medial part of costa dark brown with yellow points on it; a small brown discoidal spot; postmedial line brown, diffused on outer side, inwardly oblique and somewhat incurved below vein 5; a terminal series of blackish points; a fine pale line at base of cilia followed by a dark line. Hind wing yellowish white, the termen slightly tinged with red and irrorated with brown; a terminal series of blackish points and fine pale line at base of cilia followed by a dark line. Underside yellow tinged with red and irrorated with dark brown; fore wing with the costal area suffused with brown, a small dark discoidal spot, yellower patch from costa beyond the cell, and diffused oblique dark postmedial line; hind wing with slight brown discoidal spot and curved postmedial line.

Hab. SIKHIM (*Pilcher, Müller*), 8 ♂, 5 ♀ type. *Exp.* 20-24 mm.

(7 a) *Bostra purpurealis*, sp. n.

Head and thorax bright purple-red; abdomen pale purple-red irrorated with brown; antennæ white above; fore tibiae white on outer side, the tarsi white. Fore wing bright purple-red irrorated with brown, the medial area tinged with fuscous, the costal edge white except towards base; antemedial line fuscous, oblique to submedian fold, then slightly incurved; postmedial line fuscous slightly defined on outer side by white and slightly incurved in submedian interspace. Hind wing whitish suffused with pale purple-red and fuscous brown; a curved fuscous postmedial line defined on outer side by whitish from costa to vein 1; cilia bright purple-red. Underside grey with pale purplish-red streaks along the veins; both wings with the costal area purple-red to beyond middle and with fuscous postmedial line; fore wing with white scales on the costa.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 3 ♂, 1 ♀ type; PORTUGUESE E. AFRICA, Mt. Chipirone (*Neave*), 1 ♂. *Exp.* 30-32 mm.

(7 b) *Bostra cænochroa*, sp. n.

Head, thorax, and abdomen pale purplish red thickly irrorated with fuscous; antennæ of male pale red. Fore wing pale purplish red thickly irrorated with fuscous, the costal edge redder; antemedial line rather diffused, black, excurved below costa then slightly incurved; a small black discoidal spot; postmedial line rather diffused, black faintly defined on outer side by whitish in male, and slightly excurved. Hind wing uniform glossy grey-brown with a purplish-red tinge. Underside greyish brown, the costa of fore wing purplish red irrorated with dark brown; hind wing with faint curved dark postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂, 2 ♀ type; TRANSVAAL, White R. (*Cooke*), 2 ♂. *Exp.* 26-30 mm.

(7 h) *Bostra pallidifrons*, sp. n.

♂. Head white tinged with pale rufous; thorax and abdomen grey-brown mixed with whitish; tibiæ and tarsi whitish tinged with brown. Fore wing dark brown mixed with grey-white; antemedial line diffused, whitish, oblique to median nervure and slightly incurved in submedian interspace; the medial part of costa with white points with black-brown between them; a small blackish discoidal spot; postmedial line diffused, whitish, incurved below vein 4. Hind wing uniform grey-brown. Underside grey suffused and irrorated with brown; fore wing with whitish points on costa with black-brown between them except at base and apex.

Hab. MASHONALAND, Enkeldoorn Distr. (*Miss E. S. Younge*), 1 ♂ type. *Exp.* 14 mm.

(7 j) *Bostra linealis*, sp. n.

Head and thorax pale brownish red; abdomen whitish tinged with red and irrorated with blackish; legs whitish irrorated with dark brown. Fore wing pale red-brown irrorated with blackish; antemedial line whitish defined on outer side by blackish, almost straight; the medial part of costa with white points with some black between them; a small black discoidal spot; postmedial line whitish defined on inner side by blackish, slightly excurved at discal fold and below submedian fold; cilia with a white line at base. Hind wing pale red-brown irrorated with blackish, an oblique whitish antemedial line defined on outer side by blackish and joined at inner margin by a slightly sinuous whitish postmedial line defined on inner side by blackish; cilia with a white line at base. Underside whitish suffused with red-brown and irrorated with blackish; both wings with sinuous white postmedial line; fore wing with blackish discoidal spot.

Hab. BR. E. AFRICA, Nairobi (*Anderson*), 1 ♂, 1 ♀ type. *Exp.* 20 mm.

(9 a) *Bostra rusinalis*, sp. n.

♂. Head and thorax rufous with a few dark brown scales; abdomen whitish tinged with rufous. Fore wing rufous sparsely irrorated with dark brown, the basal costal area suffused with blackish; traces of a waved dark antemedial line; the medial part of costa with whitish points with dark brown between them; a small dark discoidal spot; postmedial line indistinct, dark, slightly excurved to vein 4 then slightly incurved. Hind wing whitish tinged with rufous, the termen and bases of cilia rather deeper rufous; the underside with the costal area suffused with rufous and irrorated with dark brown.

Hab. GOLD COAST, Appan, 2 ♂ type. *Exp.* 22 mm.

(10 a) *Bostra pallidicolor*, sp. n.

♂. Head and thorax whitish tinged with pale red and irrorated with a few dark brown scales; abdomen white faintly tinged with red and slightly irrorated with brown; palpi and pectus in front redder. Fore wing whitish tinged with purplish red and irrorated with brown, the red rather deeper on basal costal area and forming diffused streaks in discal and submedian folds; a very faint diffused dark antemedial line angled outwards at submedian fold; a black discoidal spot; postmedial line indistinct, dark, diffused, oblique below vein 4; a terminal series of minute blackish spots. Hind wing ochreous white; a terminal series of slight brown points from apex to vein 2. Underside white; fore wing with the costal area bright rufous with the costal edge white, then tinged with ochreous and irrorated with brown except on inner area; hind wing with the costal area tinged with rufous and irrorated with brown, a blackish spot at upper angle of cell.

♀. Head and thorax greyish tinged with purplish red; abdomen whitish thickly irrorated with brown; fore wing greyish uniformly tinged with purplish red; hind wing suffused with pale reddish brown; underside of fore wing suffused with brown except on costal area, the hind wing tinged with brown and with curved brown postmedial line from costa to submedian fold.

Hab. TRANSVAAL, Pretoria (*Distant, Janse*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 30, ♀ 26 mm.

(10 c) *Bostra dentilinealis*, sp. n.

Head and thorax whitish tinged with red-brown and irrorated with a few black-brown scales; abdomen suffused with fiery red and irrorated with black. Fore wing whitish suffused with pale red-brown, sometimes tinged with olive-green and irrorated with black-brown; an indistinct dentate blackish postmedial line somewhat incurved at submedian fold; a terminal series of black striæ; cilia with reddish-brown lines near base and at tips. Hind wing whitish suffused with fiery red and slightly irrorated with brown; a curved dentate blackish postmedial line, rather diffused on inner

side; a terminal series of black-brown bars; cilia with a red line near base. Underside whitish suffused with red and irrorated with dark brown; both wings with slight dark discoidal striæ and diffused curved dentate postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂, 3 ♀ type. *Exp.* 24 mm.

(11 a) *Bostra pyrochroalis*, sp. n.

♂. Head, thorax, and abdomen bright fiery red; the antennæ blackish except at base; the frons and palpi whitish, the latter black at tips. Fore wing bright fiery red slightly irrorated with blackish, especially before the antemedial line and on terminal area; antemedial line whitish, excurved below costa, then slightly incurved; postmedial line whitish, slightly excurved beyond the cell, then slightly incurved, both the lines faintly defined by fuscous. Hind wing bright fiery red slightly irrorated with blackish, especially on apical area; faint oblique whitish ante- and postmedial lines slightly defined by fuscous and somewhat approximated towards inner margin. Underside of both wings with blackish discoidal point and curved white postmedial line; fore wing with series of white points on costa to the postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 1 ♂ type. *Exp.* 14 mm.

(10 b) *Bostra flavalis*, sp. n.

♂. Head, thorax, and abdomen yellow with a faint olive tinge; palpi fuscous below; tibiæ with the spurs fuscous at base. Fore wing yellow with a faint olive tinge; antemedial line formed by slight black striæ defined on inner side by white, slightly sinuous; the medial part of costa with black and white points; a slight blackish discoidal striga; postmedial line formed by black scales defined on outer side by white, slightly excurved below costa and at middle and incurved at discal fold and below vein 3; a terminal series of black striæ; cilia with some blackish at tips. Hind wing yellowish white tinged with fuscous brown; a curved fuscous postmedial line slightly defined on outer side by white; a terminal series of blackish striæ; cilia with a slight brownish line near base. Underside of fore wing suffused with brown except on inner area to the postmedial line; hind wing irrorated with brown; a curved dark postmedial line.

Hab. FORMOSA, Kanshirei (*Wileman*), 2 ♂ type. *Exp.* 16 mm.

(19 c) *Bostra phaenicocraspis*, sp. n.

Head, thorax, and abdomen olive-yellow, the last tinged with crimson at extremity; antennæ whitish tinged with brown; fore and mid tibiæ and the hind tibiæ at extremity crimson, the fore legs and ventral surface of abdomen except towards base irrorated with brown. Fore wing olive-yellow irrorated with a few red-brown scales; a faint red-brown antemedial line, oblique to sub-

median fold; the medial part of costa with whitish points with blackish between them; a slight brown discoidal striga; postmedial line slight, brown, somewhat oblique to vein 4 and slightly ex-curved above inner margin; a terminal series of black bars; cilia deep crimson at base, then paler crimson with the tips blackish to vein 3. Hind wing olive-yellow; an obscure line formed by brown scales from lower angle of cell to inner margin and a similar slightly curved postmedial line; the terminal area irrorated with a few brown scales; a terminal series of black stria; cilia deep crimson at base, paler crimson at tips. Underside of fore wing crimson irrorated with black except on costal area to the post-medial line and below vein 3 to termen, the costa with series of quadrate black spots to the postmedial line which is black, ex-curved from below costa to vein 3, then erect, a black discoidal point; hind wing suffused with crimson and irrorated with black to the postmedial line and on apical area, the termen then narrowly crimson, the postmedial line blackish, obliquely curved to vein 2, then sinuous.

Hab. CAMEROONS, Ja R., Bitje (*Bates*), 1 ♂, 2 ♀ type. *Exp.* 22 mm.

(19 e) *Bostra phœnicoxantha*, sp. n.

♂. Head, thorax, and abdomen whitish suffused with dull purplish red; antennæ ringed with brown; fore legs crimson; pectus, mid and hind legs, and ventral surface of abdomen ochreous. Fore wing brilliant crimson with a yellow medial band except on costal area, defined on inner side by the faint curved crimson ante-medial line and on outer by the similar postmedial line ex-curved at middle; a blackish terminal line except towards torus. Hind wing brilliant crimson, with a broad yellow medial band defined on inner side by the slight curved crimson antemedial line and on outer by the similar postmedial line ex-curved at middle; a black terminal line except towards torus; cilia whitish at tips. Under-side with the crimson paler and duller.

Hab. BR. C. AFRICA, Mt. Manje (*Neave*), 2 ♂ type. *Exp.* 20 mm.

(21 a) *Bostra maculilinea*, sp. n.

Head, thorax, and abdomen white mixed with cupreous red and irrorated with black, the abdomen suffused with black towards extremity; antennæ white ringed with black; fore tibiae and the tarsi black ringed with white. Fore wing cupreous red thickly irrorated with black; some white at base of inner margin; ante-medial line white defined on outer side by rather diffused black, slightly waved; the medial part of costa with white points with blackish between them; postmedial line white defined on inner side by diffused black and forming a small white spot at discal fold and larger spot in submedian interspace, slightly waved, ex-curved at middle and incurved in submedian interspace; a black terminal line; cilia white with blackish lines at base and middle

and at tips. Hind wing white tinged with red-brown and irrorated with fuscous; a curved slightly sinuous white postmedial line; a black terminal line: cilia white mixed with fuscous and with black line near base. Underside of fore wing whitish suffused with fuscous, the costal area chestnut-red to the white postmedial line, the costal edge fuscous with white points; hind wing white tinged with red and irrorated with fuscous, a white postmedial line defined on inner side by black, slightly incurved at discal fold, then excurved.

Ab. 1. Fore wing with the antemedial line obsolescent towards costa, the postmedial line obsolescent at middle.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 8 ♂, 4 ♀ type. *Exp.* 14-18 mm.

(21 b) *Bostra ignirubralis*, sp. n.

♂. Head, thorax, and abdomen fiery red, the last slightly irrorated with blackish; antennæ whitish tinged with red; palpi and legs deeper red with some blackish mixed, the mid and hind tarsi whitish tinged with red. Fore wing fiery red; antemedial line brown defined on inner side by whitish, very slightly curved; a slight blackish discoidal spot; the medial part of costa with slight white points with black between them; postmedial line fuscous brown defined on outer side by whitish, very slightly curved and slightly incurved at submedian fold; cilia with some fuscous mixed. Hind wing fiery red; an oblique dark antemedial line defined on inner side by whitish, met above inner margin by a curved dark postmedial line defined on outer side by whitish; cilia with some fuscous mixed. Underside paler red irrorated with fuscous brown; fore wing with the inner area whitish, the costal edge dark brown with white points to the indistinct dark postmedial line, a slight dark discoidal spot; hind wing with faint curved dark postmedial line.

Hab. CEYLON (*Mackwood*), 1 ♂ type. *Exp.* 32 mm.

(5) *Zitha fulviceps*, sp. n.

Head fulvous yellow, the antennæ dark brown ringed with whitish, the palpi suffused with brown except above; thorax dark brown; abdomen, pectus, and legs yellowish suffused with brown. Fore wing glossy fuscous brown; an indistinct blackish discoidal spot; postmedial line indistinct, blackish, excurved below costa and slightly incurved below vein 4. Hind wing glossy fuscous brown. Underside fuscous brown; both wings with indistinct curved dark postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 2 ♂, 1 ♀ type; PORTUGUESE E. AFRICA, Mt. Chipirone (*Neave*), 1 ♂. *Exp.* 16 mm.

GENUS PHRYGANOMIMA, nov.

Type, *Phryganodes noctifer*, Dogn.

Proboscis fully developed; palpi upturned, the 2nd joint reaching

to middle of frons, moderately scaled, the 3rd moderate; maxillary palpi triangularly dilated with scales; antennæ of male laminate. Fore wing with the median nervure strongly downcurved towards end of cell, the discocellulars strongly excurved; vein 3 from before angle of cell; 5 from above angle; 6 from upper angle; 7, 8, 9 stalked from before angle; 10, 11 from cell. Hind wing with the cell short; veins 3 and 5 from near angle; 6, 7 from upper angle, 7 not anastomosing with 8.

Genus LORYMODES, nov.

Type, *Pyralis diagonalis*, Hmps. n.

Proboscis fully developed; palpi upturned, the 2nd joint tufted with scales produced to a point in front at extremity, the 3rd long and acuminate; maxillary palpi slightly dilated with scales, antennæ of male with fasciculate cilia, the basal joint long. Fore wing with vein 3 from close to angle of cell; 4, 5 stalked; 6 from upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hind wing with vein 3 from close to angle of cell; 4, 5 stalked; 6, 7 from upper angle, 7 not anastomosing with 8.

(2) *Lorymodes stenopteralis*, sp. n.

Head, thorax, and abdomen white tinged with red-brown; antennæ fuscous except towards base. Fore wing very narrow; whitish suffused with red-brown; a slight brown antemedial mark in submedian fold; the medial part of costa with slight brown points; antemedial line slight, black defined on inner side by whitish, very oblique from costa to the postmedial line at vein 2, then inwardly oblique to inner margin, defining on inner side the postmedial line, which is rather diffused black-brown defined on outer side by whitish, very oblique and slightly curved from costa near apex to submedian fold, then still more oblique to middle of inner margin; a fine brown terminal line; cilia whitish. Hind wing silvery white. Underside of fore wing white, tinged with brown on costal half.

Hab. GAMBIA, 1 ♂; N. NIGERIA, Zungeru (*Macfie*), 1 ♀ type. *Exp.* 16 mm.

Genus DATTINIA.

	Type.
<i>Dattinia</i> , Rag. Bull. Soc. Ent. Fr. 1887, p. cxxxvii	<i>syrtalis</i> .
<i>Constantia</i> , Rag. Bull. Soc. Ent. Fr. 1887, p. cxxxvii (<i>nec Adams</i> , Moll. 1860)	<i>leonalis</i> .
<i>Butiana</i> , Navas, Bol. Soc. Aragon, x. p. 64 (1913)	<i>leonalis</i> .

(4c) *Dattinia eumictalis*, sp. n.

♀. Head and thorax yellowish white mixed with rufous, red-brown, and dark brown; abdomen white suffused with red-brown; antennæ white ringed with dark brown; legs white irrorated with brown. Fore wing yellowish white very thickly irrorated with rufous and red-brown and with a few dark brown scales; a whitish

subbasal spot below the cell; antemedial line strong, white, rather oblique to submedian fold and incurved at vein 1; a white spot in end of cell before the blackish-brown discoidal bar; postmedial line black-brown defined on outer side by whitish, incurved below costa, angled outwards at veins 6, 5, 4, then retracted and almost obsolete to below end of cell, then erect, sinuous and more distinctly defined on outer side by white; a terminal series of faint brown spots; cilia chequered red-brown and white. Hind wing white tinged and irrorated with red-brown; a terminal series of slight brown striæ; cilia whiter. Underside silvery white, the fore wing except on inner area and the costal area of hind wing irrorated with red-brown.

Hab. SUDAN, Port Sudan (*Waterfield*). 1 ♀ type. *Exp.* 32 mm.

Genus ANOBOSTRA, nov.

Type, *A. discimacula*.

Proboscis present; palpi with the 2nd joint porrect, typically projecting about the length of head, the sealing at extremity below produced to a point, the 3rd obliquely upturned, moderate; maxillary palpi dilated with scales; antennæ of male thickened and with long fasciculate cilia, the basal joint with tuft of scales. Fore wing with vein 3 from angle of cell; 4, 5 typically stalked; 6 from upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hind wing with vein 3 from angle of cell; 4, 5 typically stalked; 6, 7 from upper angle, 7 not anastomosing with 8.

(1) *Anobostra discimacula*, sp. n.

Palpi with the 2nd joint projecting about the length of head; both wings with veins 4, 5 stalked.

Head and thorax purplish red; abdomen grey suffused with brown; antennæ dark brown; pectus, legs, and ventral surface of abdomen pale red irrorated with brown. Fore wing purplish red, irrorated with blackish, the medial area slightly irrorated; antemedial line blackish defined on inner side by pale red, oblique to submedian fold, where it is angled outwards; a series of small blackish spots on medial part of costa; a large black discoidal spot; postmedial line rather diffused, black defined on outer side by pale red, excurved below vein 7 and at middle and incurved at discal fold and below vein 3, a series of slight blackish streaks beyond it on the veins; a terminal series of minute black spots. Hind wing grey suffused with brown; a whitish line at middle of cilia. Underside grey suffused with brown; fore wing with the costa pale reddish with numerous brown striæ.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 2 ♂ type; PORTUGUESE E. AFRICA, Mt. Chipirone (*Neave*), 1 ♀; MASHONALAND, Umtali (*Marshall*), 1 ♀. *Exp.*, ♂ 18-20, ♀ 22-26 mm.

(3) *Anobostra albilinealis*, sp. n.

Palpi with the 2nd joint projecting about twice the length of head; both wings with veins 4, 5 from the cell.

♀. Head, thorax, and abdomen pale red-brown. Fore wing chocolate red-brown with the basal area pale red-brown except towards costa; antemedial line white, rather oblique to median nervure; a series of minute white spots on medial part of costa; postmedial line white, excurved to vein 3, then incurved; cilia greyish brown with a fine whitish line at base. Hind wing pale red-brown mixed with some whitish, the base whiter; a curved whitish postmedial line; cilia greyer brown with a fine pale line at base. Underside red-brown mixed with whitish; fore wing with series of small white spots on costa to the postmedial line, the postmedial line of both wings slightly waved.

Hab. ABYSSINIA, Dirre Dawa (*Drake-Brockman*), 1 ♀ type. *Exp.* 30 mm.

(4) *Anobostra punctilinealis*, sp. n.

♀. Head and thorax deep purple-red mixed with black; abdomen greyish tinged with purple-red and thickly irrorated with black; pectus, legs, and ventral surface of abdomen purplish red mixed with black, the fore tibiae and the tarsi brownish white. Fore wing deep purple-red irrorated with black; antemedial line indistinct, blackish, oblique to just below the cell, where it is angled outwards, then inwardly oblique and defined on inner side by white; the medial part of costa with series of white points; postmedial line indistinct, blackish defined on outer side by white scales and by small spots at discal and submedian folds, minutely dentate, incurved below vein 4; cilia with a fine whitish line at base. Hind wing grey tinged with purplish red and suffused and irrorated with brown, the termen and cilia redder; a faint curved dark postmedial line. Underside dull purplish red irrorated with fuscous brown; fore wing suffused with fuscous brown to the postmedial line except on costal area, a series of white points on basal half of costa; the postmedial line blackish with a slight white mark at costa; hind wing with rather diffused minutely dentate blackish postmedial line.

Hab. BR. C. AFRICA, Mt. Mlanje (*Neave*), 3 ♀ type. *Exp.* 28 mm.

(5) *Anobostra radialis*, sp. n.

♀. Head and thorax red-brown mixed with ochreous. Fore wing greyish suffused with red-brown, especially on basal half and beyond lower angle of cell; antemedial line whitish defined by dark brown on outer side, angled outwards below costa, then obliquely curved and with some black scales before and beyond it at inner margin; some dark rufous suffusion in and below middle of cell; veins 2 to 6 streaked with whitish and defined on each side by

slight dark brown streaks to the postmedial line which is very near termen, white defined by dark brown on inner side, excurved between veins 6 and 3, then oblique and slightly sinuous; a fine brown terminal line; cilia whitish with grey medial band and line near tips. Hind wing yellowish white slightly tinged with rufous especially towards termen; an indistinct curved whitish subterminal line incurved at vein 2; cilia whitish with a slight brown line near base; the underside with the subterminal line more distinct and defined by brown on inner side.

Hab. BR. E. AFRICA, Taveta (*K. St. A. Rogers*), 2 ♀ type; UGANDA, Gonlokoro (*Reynes-Coles*), 1 ♀. *Exp.* 30-34 mm.

(1 b) *Tyndis medio-pallens*, sp. n.

Head and tegulæ pale reddish, the thorax pale reddish mixed with dark brown; abdomen grey suffused with black-brown, the base whitish, the anal tuft rufous; antennæ and palpi irrorated with dark brown; pectus, legs, and ventral surface of abdomen whitish tinged with red-brown and irrorated with dark brown. Fore wing whitish tinged with red-brown and irrorated with dark brown, the medial area much paler except at costa, the basal costal area and a broad shade beyond the postmedial line darker; antemedial line rather diffused dark brown, slightly curved; the medial part of costa with minute greyish spots; a black striga on upper discocellular; postmedial line dark brown slightly defined on outer side by whitish towards costa, very oblique and straight; a terminal series of blackish points except towards costa and fine whitish line at base of cilia. Hind wing creamy white slightly irrorated with brown, the terminal area more thickly irrorated; traces of a brown antemedial line from cell to inner margin; a curved brown postmedial line; a brown terminal line and white line at base of cilia. Underside whitish tinged with red-brown and thickly irrorated with dark brown; both wings with small dark discoidal spot and oblique postmedial line.

Hab. BR. E. AFRICA, Nairobi (*Betton*), 1 ♂, Kikayu, Fort Smith (*Crawshay*), 1 ♂ type, Eb Urru (*Betton*), 1 ♂, Nakuru (*Bodeker*), 1 ♂, 1 ♀; GERM. E. AFRICA, Kilimandjaro (*Sjöstedt*), 1 ♂. *Exp.* 26 mm.

(1 c) *Tyndis pallidirufa*, sp. n.

Head and thorax whitish suffused with rufous; abdomen whitish tinged with rufous and irrorated with black, a blackish band on third segment; pectus, legs, and ventral surface of abdomen rufous irrorated with brown. Fore wing whitish suffused with rufous and irrorated with dark brown except on medial area; a rather diffused erect black almost medial line from subcostal nervure to inner margin and a similar oblique postmedial line from below costa to inner margin; a terminal series of minute black spots; cilia with blackish lines near base and tips. Hind wing

whitish suffused with reddish brown; an oblique dark postmedial shade; a dark terminal line; cilia whitish with dark lines near base and tips. Underside creamy white tinged with rufous and irrorated with brown; fore wing with dark discoidal point and suffused oblique postmedial line from below costa to inner margin; hind wing with diffused oblique black postmedial line; both wings with terminal series of minute black spots.

Hab. SIERRA LEONE (*Clements*), 1 ♂, 1 ♀ type. *Exp.*, ♂ 20, ♀ 22 mm.

(6) *Tyudis pyrrocantha*, sp. n.

♀. Head and thorax yellow suffused with brilliant fiery red; abdomen yellowish tinged with fiery red and irrorated with fuscous; pætus, legs, and ventral surface of abdomen yellow tinged with red. Fore wing orange-yellow suffused with fiery red and irrorated with black; traces of a yellow antemedial line, oblique to submedian fold and incurved at vein 1; postmedial line rather diffused yellow, excurved at middle and incurved at submedian fold. Hind wing yellow, the inner and terminal areas faintly tinged with red and the latter irrorated with blackish. Underside orange-yellow; fore wing with minute dark discoidal point, the terminal area tinged with red and irrorated with black; hind wing with the apex tinged with red and irrorated with black.

Hab. GOLD COAST, Bibiana (Spurrell), 1 ♀ type. *Exp.* 22 mm.

V.—*The Homoptera of Indo-China.*

By W. L. DISTANT.

Fam. Cicadidæ.

For some time Mon. R. Vitalis de Salvaza has sent me collections of Homoptera from this very interesting region, and I believe he intends at some future date to publish an illustrated work on the insect fauna of Indo-China. The Homoptera already received are from the frontier of Laos, East Annam, and from Lao Kay and Chapa in Tonkin. In this contribution I give a rough list of the species already received, which number fifty-five, belonging to the family Cicadidæ alone. Examples of all these, including types and uniques, are placed in the collection of the British Museum, which, as regards this family, is now by far the largest and most complete in the world.

I also add the descriptions of six new species.